



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M. Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The PLlic reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	March 16, 2020	EPA Reg. No./File Symbol	5813- <i>to be assigned</i>	Page	1 of 4
Applicant's/Registrant's Name & Address	The Clorox Company c/o PS&RC; P.O. Box 493 Pleasanton, CA 94566-0803	Product	CAT (Note: this is the Data Matrix for the active ingredient Citric acid)		

Ingredient Citric acid (21801)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550 (61-1)	Product Identity and Composition	N/A	see RED for Citric acid (June 1992)	PL	
830.1600 (61-2a)	Description of Materials Used to Produce the Product	N/A	see RED for Citric acid (June 1992)	PL	
830.1620 (61-2b)	Description of Production Process	N/A	see RED for Citric acid (June 1992)	PL	
830.1650 (61-2b)	Description of Formulation Process	Waived			
830.1670 (61-3)	Discussion of Formation of Impurities	N/A	see RED for Citric acid (June 1992)	PL	
830.1700 (62-1)	Preliminary Analysis	N/A	see RED for Citric acid (June 1992)	PL	
830.1750 (62-2)	Certified Limits	Waived			
830.1800 (62-3)	Enforcement Analytical Method	N/A	see RED for Citric acid (June 1992)	PL	
830.1900 [64-1]	Submittal of Samples	Waived			
830.6302 (63-2)	Color	N/A	see RED for Citric acid (June 1992)	PL	
830.6303 (63-3)	Physical state	N/A	see RED for Citric acid (June 1992)	PL	
830.6304 (63-4)	Odor	N/A	see RED for Citric acid (June 1992)	PL	
830.6313 (63-13)	Stability to Normal and Elevated Temperature, Metals, and Metal Ions	N/A	see RED for Citric acid (June 1992)	PL	
830.6314 (63-14)	Oxidation /Reduction: Chemical Incompatibility	Waived			

Signature

*Jamie N. Venable*

Name and Title

Jamie Venable  
Agent to The Clorox Company

Date

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830.6315 (63-15)	Flammability	Waived			
830.6316 (63-16)	Explosibility	Waived			
830.6317 (63-17)	Storage Stability	Waived			
830.6319 (63-19)	Miscibility	Waived			
830.6320 (63-20)	Corrosion Characteristics	Waived			
830.6321 (63-21)	Dielectric Breakdown Voltage	Waived			
830.7000 (63-12)	pH	N/A	see RED for Citric acid (June 1992)	PL	
830.7050 [None]	UV/Visible Absorption	Waived			
830.7100 (63-18)	Viscosity	Waived			
830.7200 (63-5)	Melting Point/ Melting Range	N/A	see RED for Citric acid (June 1992)	PL	
830.7220 (63-6)	Boiling Point/Boiling Range	N/A	see RED for Citric acid (June 1992)	PL	
830.7300 (63-7)	Density/ Relative Density/Bulk Density	N/A	see RED for Citric acid (June 1992)	PL	
830.7370 (63-10)	Dissociation Constants in Water	N/A	see RED for Citric acid (June 1992)	PL	
830.7520 [None]	Particle Size, Fiber Length, and Diameter Distribution	Waived			

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Ingredient Citric acid (21801)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550 (63-11)	Partition Coefficient ( <i>n</i> -Octanol/Water), Shake Flask Method	Waived			
830.7560 (63-11)	Partition Coefficient ( <i>n</i> -Octanol/Water), Generator Column Method	Waived			
830.7570 (63-11)	Partition Coefficient ( <i>n</i> -Octanol/Water), Estimation By Liquid Chromatography	Waived			
830.7840 (63-8)	Water Solubility: Column Elution Method; Shake Flask Method	N/A	see RED for Citric acid (June 1992)	PL	
830.7860 (63-8)	Water Solubility (Generator Column Method)	N/A	see RED for Citric acid (June 1992)	PL	
830.7950 (63-9)	Vapor Pressure	N/A	See RED for Citric acid (June 1992)	PL	
(72-1A)	Fish Toxicity Bluegill	Waived	see RED for Citric acid (June 1992)	PL	
(72-1C)	Fish Toxicity Rainbow Trout	Waived	see RED for Citric acid (June 1992)	PL	
870.1100 (81-1)	Acute Oral Toxicity	Waived	see RED for Citric acid (June 1992)	PL	
870.1200 (81-2)	Acute Dermal Toxicity	Waived	see RED for Citric acid (June 1992)	PL	
870.1300 (81-3)	Acute Inhalation Toxicity	Waived	see RED for Citric acid (June 1992)	PL	
870.2400 (81-4)	Primary Eye Irritation	Waived	see RED for Citric acid (June 1992)	PL	

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870.2500 (81-5)	Primary dermal irritation, rabbit	Waived	see RED for Citric acid (June 1992)	PL	
870.2600 (81-6)	Dermal sensitization	Waived	see RED for Citric acid (June 1992)	PL	
(82-1A)	90-Day Feeding – Rodent	Waived	see RED for Citric acid (June 1992)	PL	
(82-2)	21-Day Dermal	Waived	see RED for Citric acid (June 1992)	PL	
(82-4)	90-Day Inhalation	Waived	see RED for Citric acid (June 1992)	PL	
(83-1A)	Chronic Feeding Toxicity – Rodent	Waived	see RED for Citric acid (June 1992)	PL	
(83-3A)	Development Toxicity – Rat	Waived	see RED for Citric acid (June 1992)	PL	
(84-2A)	Gene Mutation (Ames Test)	Waived	see RED for Citric acid (June 1992)	PL	
(84-2B)	Structural Chromosomal Abberation	Waived	see RED for Citric acid (June 1992)	PL	
(84-4)	Other Genotoxic Effects	Waived	see RED for Citric acid (June 1992)	PL	
(85-1)	General Metabolism	Waived	see RED for Citric acid (June 1992)	PL	

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